

SECTION 1: Identification of the substance/mixture and of the company/undertaking **Product identifier** 1.1. Abrasive Flap Disc - Glass Fibre Backed (Tiger X, Tiger, Tiger Paw, V Pro, Big Cat, V Pro HD, Product name Tiger Paw XHD, Anchor, Cyclone, Cyclone X treme, , Ace, B Line, Blue Kote, Deere, Mikita) Relevant identified uses of the substance or mixture and uses advised against 1.2. Use of the substance/mixture : Manufacturing Details of the supplier of the safety data sheet 1.3. Weiler Corporation 1 Weiler Drive Cresco, PA 18326 1.4. **Emergency telephone number** Emergency number : 570-595-7495 **SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

This product as manufactured is defined as an article per 29 CFR 1910.1200. No exposure hazards are anticipated during normal product handling conditions. In most cases, the material(s) removed from the workpiece may present a greater hazard than material released by the product. Based upon the materials that are contained within the working portion of this product it is possible that some dust particles from this product may be generated. The following safety data is presented for potential exposure hazards as associated with the dust particles that are related to this product.

Classification (GHS-US)

Not classified

2.2. Label elements

GHS-US labeling

This product as manufactured is defined as an article, therefore no labeling is required for the product as manufactured.

2.3. Other hazards No additional information available 2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Safety Data Sheet

3.2. Mixture

The product could contain all or some of the following ingredients.

Name	Product identifier	%	Classification (GHS-US)
Glass Fibre backing	None	45 - 55	Not classified
Aluminum oxide	(CAS No) 1344-28-1	15 - 25	Not classified
Zirconium	(CAS No) 7440-67-7	3 - 13	Not classified
Cryolite	(CAS No) 13775-53-6	1 - 15	Acute Toxin 4, H332 STOT wdh. 1, H372 Acute Toxin 4, H302 Aqu. Chron., H411
Potassium fluoroborate	(CAS No) 14075-53-7	1 - 15	Eye Irrit. 2A, H319
Epoxy Resin	None	5	Not classified
Silica	(CAS No) 7631-86-9	< 2	Not classified
Formaldehyde	(CAS No) 50-00-0	< 0.1	Carc 1B, H350 Acute Toxin 3, H301 Acute Toxin 3, H311 Acute Toxin 3, H331 Skin Corr. 1B, H314 Skin Sens. 1, H317

Full text of H-phrases: see section 16

CECTION 4. Einst sid massures		
SECTION 4: First aid measures		
4.1. Description of first aid measures		
First-aid measures after inhalation	: Remove victim from source of exposure to fresh air. If breathing is difficult administer oxygen. Seek medical attention.	
First-aid measures after skin contact	: Wash with soap and water. Seek medical advice if skin irritation develops or persists.	
First-aid measures after eye contact	: Flush with plenty of water for at least 15 minutes. Seek medical advice if irritation develops or persists.	
First-aid measures after ingestion	: Seek medical attention.	
4.2. Most important symptoms and effect	s, both acute and delayed	
Symptoms/injuries after inhalation	: Dusts may cause coughing, shortness of breath. Prolonged breathing of dusts may affect breathing capacity.	
Symptoms/injuries after skin contact	: Dusts may cause irritation. May cause abrasions.	
Symptoms/injuries after eye contact	: Dust may irritate or damage the eyes without protection.	
Symptoms/injuries after ingestion	: None under normal use.	
4.3. Indication of any immediate medical	attention and special treatment needed	
No additional information available		
SECTION 5: Firefighting measures		
5.1. Extinguishing media		
Suitable extinguishing media	: Use water, carbon dioxide, foam or dry chemical.	
	: None.	
5.2. Special hazards arising from the sub	stance or mixture	
Fire hazard	: None known.	
Explosion hazard	: None known.	
5.3. Advice for firefighters		
	: Firefighters should wear full protective gear.	
Protection during firefighting		
SECTION 6: Accidental release meas	ures	
6.1. Personal precautions, protective equ	ipment and emergency procedures	
6.1.1. For non-emergency personnel		
No additional information available		

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

09/04/2018

Safety Data Sheet

6.3. Methods and mater	ial for containment and cleaning up		
For containment : No special measures required.			
Methods for cleaning up	ethods for cleaning up : No special measures required.		
6.4. Reference to other	sections		
No additional information availa	able		
SECTION 7: Handling a	ind storage		
7.1. Precautions for safe	e handling		
Precautions for safe handling	: Handle with care, avoid impact.		
7.2. Conditions for safe	storage, including any incompatibilities		
Storage conditions : Store dry at 20° C +/- 20 °C; 55-60% air humidity			
7.3. Specific end use(s)			
No additional information availa	able		
SECTION 8: Exposure of	controls/personal protection		
8.1. Control parameters			
Aluminum oxide (1344-28-1)		
ACGIH	Not applicable	Not applicable	
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (total dust) 5 mg/m ³ (respirable fraction)	
Zirconium (7440-67-7)			
ACGIH	ACGIH TWA (mg/m³)	5 mg/m ³	
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³	
OSHA	Not applicable		
Silica (7631-86-9)			
IDLH	US IDLH (mg/m ³)	3000 mg/m ³	
NIOSH	NIOSH REL (TWA) (mg/m ³)	6 mg/m³	
Formaldehyde (50-00-0) ACGIH	ACGIH TWA (mg/m ³)	TWA: 0.1 mg/m ³	
		STEL: 0.3 mg/m ³	
OSHA	OSHA PEL (TWA) (mg/m ³)	TWA: 0.75 mg/m ³	
USHA		STEL: 2 mg/m ³	
NIOSH	NIOSH REL (TWA) (mg/m ³)	TWA: 0.016 mg/m ³	

Note: Consideration should be given to the base material and coating that are being worked upon.

Safety Data Sheet

8.2. Exposure controls

Appropriate engineering controls:

Utilize adequate ventilation to minimize the exposure to airborne particulates and maintain the concentration of contaminants below the occupational exposure limits.

Respiratory Protection:

When exposure limits are exceeded or when the dust concentrations are excessive, approved respirators for those conditions should be used. When selecting the respiratory protection equipment, consideration of the exposure to the coating or the base materials being worked on should be included. Local regulations and standards should be followed where appropriate. The type of respiratory equipment used should be selected according to the contaminate type, form and concentration being produced. Select and use respirators in accordance with applicable regulations and good industrial hygiene practice.

Hand protection:

The use of cloth or leather gloves is recommended.

Eye Protection:

Safety googles or face shield over safety glasses with side shields.

Hearing Protection:

Hearing protection may be required.

Skin and body protection:

The use of protective clothing should be used as needed to prevent the contamination of personal clothing.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Solid	
Appearance	Fiberglass disc coated with flaps of abrasive cloth	
Color	: Varies	
Odor	: Odorless	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: No data available	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: No data available	
Explosion limits	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
Vapor pressure	: No data available	
Specific gravity	: No data available	
Relative vapor density at 20 °C	: No data available	
Solubility	: Paper label is slightly soluble	
Log Pow	: No data available	
Log Kow	: No data available	
Auto-ignition temperature	: No data available	
Decomposition temperature	: No data available	
Viscosity	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
9.2. Other information		
No additional information available		
SECTION 10: Stability and reactivity	/	
10.4 Departivity		

10.1. Reactivity

No additional information available

Safety Data Sheet

10.2.	Chemical stability	
The proc	luct is stable at normal handling and storage	ge conditions.
10.3.	Possibility of hazardous reactions	
Will not o	occur.	
10.4.	Conditions to avoid	
None.		
10.5.	Incompatible materials	
None.		
	Herevelous decomposition products	
10.6.	Hazardous decomposition products se, grinding dust is generated.	
-		
	ON 11: Toxicological informatio	n
11.1.	Information on toxicological effects	
Acute to:	kicity :	Not classified
Alumin	um oxide (1344-28-1)	
LD50 o	ral rat	> 5000 mg/kg
Forma	dehyde (50-00-0)	
LD50 o		50 g/kg
LD50 d	ermal rabbit	250 mg/kg
LC50 ir	halation rat	0.578 mg/l/4h
Skin corr	osion/irritation :	Not classified
Serious e	eye damage/irritation :	Not classified
Respirate	ory or skin sensitization :	Not classified
Germ ce	Il mutagenicity :	Not classified
Carcinog	enicity :	Not classified
	·····	Not classified
Specific	arget organ toxicity (single exposure) :	Not classified
Specific texposure	9 · · · 9 · · · · · · · · · · · · · · ·	Not classified
слровите		
Aspiratio	n hazard :	Not classified
SECTI	ON 12: Ecological information	
12.1.	Toxicity	
No additi	onal information available	
12.2.	Persistence and degradability	
No additi	onal information available	
10.0	Discounterfactor	
12.3.	Bioaccumulative potential onal information available	
NO addit		
12.4.	Mobility in soil	
No additi	onal information available	
12.5.	Other adverse effects	
Effect on	ozone layer :	No additional information available
Effect on	the global warming :	No known ecological damage caused by this product.
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Safety Data Sheet

SECTION 13: Disp	osal considerations			
13.1. Waste treatm	ent methods			
Waste disposal recomm	endations : Dispos regulat	e of contents/container in accor ions.	dance with local/regional/natior	nal/international
SECTION 14: Tran	sport information			
Department of Transpo	ortation (DOT)			
In accordance with DOT				
	sense of transport regulations			
SECTION 15: Requ	latory information			
15.1. US Federal regula				
Aluminum oxide (134	4-28-1)			
	Listed on the United States TSCA (Toxic Substances Control Act) inventory Listed on SARA Section 313 (Specific toxic chemical listings)			
	SARA Section 313 - Emission Reporting 1.0 % (fibrous forms)			
Zirconium (7440-67-7	Zirconium (7440-67-7)			
Listed on the United St	Listed on the United States TSCA (Toxic Substances Control Act) inventory			
Silica (7631-86-9)				
Listed on the United States TSCA (Toxic Substances Control Act) inventory				
15.2. US State regulation	ons			
Aluminum oxide (134	4-28-1)			
, , , , , , , , , , , , , , , , , , ,		List		
	, ,			
		List		
Silica (7631-86-9)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	
Formaldehyde (50-00	-0)			
U.S California - Proposition 65 -	U.S California - Proposition 65 -	U.S California - Proposition 65 -	U.S California - Proposition 65 -	No significant risk level (NSRL)

Reproductive Toxicity -

Female

No

Reproductive Toxicity -

Male No

Carcinogens List

Yes

Developmental Toxicity

No

Safety Data Sheet

SECTION 16: Other information

xt of H-phrases::		
H302	Harmful if swallowed.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H372	Causes damage to organs through prolonged or repeated exposure Target organs: lungs, skeleton.	
H411	Toxic to aquatic life with long lasting effects.	
H350	May cause cancer	
H301	Toxic if swallowed	
H311	Toxic in contact with skin	
H331	Toxic if inhaled	
H314	Causes severe skin burns and eye damage	
H317	May cause an allergic skin reaction	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product